Web Images Videos Maps News Shopping Gmail more ▼

Sign in

COOSIC SCHOIST ZnS phosphor nanoparticle PMMA OR "Teflon

2003

Search

Advanced Scholar Search Scholar Preferences

Scholar All articles Recent articles

Results 1 - 10 of about 84. (0.07 sec)

Synthesis and photoluminescence enhancement of Mn2+-doped ZnS nanocrystals- *satesh.edu (PDF)

SW Lu, BI Lee, ZL Wang, W Torig, 8K Wagner ... - Journal of Luminescence, 2000 - Elsevier ... observed for poly methyl methacrylate (PMMA)-coated ZnS ... micrometer Mn 2+ -doped ZnS phosphor powder with a ... as-prepared Mn 2+ -doped ZnS nanoparticles in methane ... Cited by 28 - Related articles - All 6 versions

... study of Mn^{2+} electronic states for the nanosized ZnS: Mn powder modified by acrylic ...

Tilgarashi, Tilsobe, MiSenna - Physical Review B. 1997 - APS ... Zn ratio, while its intensity decreases after modification of the ZnS:Mn nanoparticles by AA ... 08935-2 The reduction in the particle size of **phosphors** down to ... Olfed by 55 - Related articles - St. Direct - Alt 3 versions

AD Dinsmore, DS Hsu, SB Qadri, JO Cross, ... - Journal of Applied Physics, 2000 - link.alp.org ... and BR Ratna, "Mn-doped ZnS nanoparticles as efficient low-voltage cathodoluminescent phosphors," Appl. ... states for the nanosized ZnS:Mn powder ...

Cited by 36 - Related articles - St. Direct - All 5 versions

SJ Xu, SJ Chua, B Liu, LM Gan, CH Chew, ... - Applied Physics Letters, 1998 - link,aip.org ... push Mn species to migrate into the ZnS nanoparticles. ... to directly synthesize doped nanocrystalline phosphors with high ... states for the nanosized ZnS:Mn powder ... Cred by 81 - Related articles - Bl. Direct - All 6 versions

[PDF] •Synthesis of nanoparticles via surface modification for electronic applications

Bi Lee, SW Lu - Journal of Ceramic Processing Research, 2000 - jopr.kbs-lab.co.kr ... has been observed for polymethyl merthacrylate (PMMA) coated ZnS ... Zn 2 SiO 4 phosphor particles prepared by a ... 8. HRTEM image of Mn 2+ doped ZnS nanoparticles. ... Cited by 6 - Related articles - View as HTML - All 4 versions

Photoluminescence and electroluminescence from copper doped zinc sulphide ...

W Que, Y Zhou, YL Lam, YC Chan, CH Kam, B ... - Applied Physics Letters, 1998 - link.aip.org ... as coactivator, ie, as Cu-Cl **phosphors** to obtain the ... passivation of the Cu-doped **ZnS nanoparticles** may also be ... to the nature of the **nanoparticle** surface, due ... Cited by 37 - Related articles - BL Direct - All 3 versions

Encapsulated quantum sized doped semiconductor particles and method of manufacturing ...

D Gallagher, R Bhargava, J Racz - US Patent 6,048,616, 2000 - Google Patents ... luminescent decay characteristics of a doped nanoparticle of the ... activator and said particle is a **phosphor** host ... claim 6 in which said particle com- prises **ZnS**. ... Cited by 5 - Related articles - All 2 versions

Perparation of improved ZnS: Mn phosphors

H Andriessen, S Lezy - US Patent App. 10/054,014, 2002 - Google Patents ... class of nano- structured ZnS:Mn phosphors can be ... Enhance- ment of manganese Doped **ZnS** nanocrystals," submit ... for the preparation of a **nanoparticle** dispersion of ... Cited by 2 - Related articles - All 5 versions

A thin layer inorganic light emitting device with undoped zinc sulfide nanoparticles

H Andriessen - EP Patent 1,309,013, 2003 - freepatentsonline.com

... A new family of **phosphor** hosts for ... a coated layer containing **ZnS nanoparticles** precipitated in ... The resulting **nanoparticle** dispersion, or predispersion as it ... All 2 versions

Method of manufacturing encapsulated doped particles

D Gallagher, R Bhargava, J Racz - US Patent 5,525,377, 1996 - Google Patents

... Normally, bulk **ZnS**:Mn used in electroluminescent devices ... Lower voltage **phosphors** for fiat cathode ray ... encapsulated doped semiconductor **nanoparticles** in accor ...

Cited by 9 - Related articles - All 2 versions



ZnS phosphor nanoparticle PMMA

Search

Go to Google Home - About Google - About Google Scholar

©2009 Google